

Goat anti-HOXC6 (isoform 1) Antibody

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| Item Number | dAP-2958 |
| Target Molecule | Principle Name: HOXC6 (isoform 1); Official Symbol: HOXC6; All Names and Symbols: HOXC6; homeobox C6; CP25; HHO.C8; HOX3; HOX3C; homeo box 3C; homeo box C6; homeo box C8 protein; homeobox protein CP25; homeobox protein HHO.C8; homeobox protein Hox-3C; homeobox protein Hox-C6; Accession Number (s): NP_004494.1; Human Gene ID(s): 3223; Non-Human GeneID(s): 15425 (mouse) 252885 (rat) |
| Immunogen | PNVALNSTAYDPVRH, is from internal region (near N Terminus) This antibody is expected to recognize isoform 1 (NP_004494.1) only. |
| Applications | Pep ELISA, WB Species Tested: Human, Mouse, Rat, Pig |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 128000. |
| Western Blot | Western Blot: Approx 26kDa band observed in Human Brain (Olfactory bulb) and in Rat and Pig Brain lysates (calculated MW of 26.9kDa according to NP_004494.1). In Mouse Brain lysates the band runs like a 27kDa band. Recommended concentration: 0.03-0.1µg/m |
| IHC | |
| Reference | Reference(s): Ansari KI, Hussain I, Shrestha B, Kasiri S, Mandal SS. HOXC6 Is transcriptionally regulated via coordination of MLL histone methylase and estrogen receptor in an estrogen environment. J Mol Biol. 2011 Aug 12;411(2):334-49..PMID: 21683083-> |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**